

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116282		APPLICATION NO. New US Application	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Satoru WAKUTA et al.			
				FILING DATE July 30, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
JDW	1	3,623,568	05/29/1969	Mori			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
JDW	2	JP A 2001-231107 (with abstract and translation)	08/24/2001	Japan			
JDW	3	JP 2002-1807 (with abstract)	04/01/2002	Japan			
JDW	4	JP 47-31773 (with abstract)	08/15/1972	Japan			
JDW	5	JP A 2000-2327 (with abstract and translation)	01/07/2000	Japan			
JDW	6	JP A 8-183347 (with abstract and translation)	07/16/1996	Japan			
JDW	7	JP A 10-341503 (with abstract and translation)	12/22/1998	Japan			
JDW	8	DE 198 03 160 C 1	01/28/1998	Germany			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER  /John Walters/				DATE CONSIDERED 01/02/2007			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 30, 2003

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116282		APPLICATION NO. 10/629,743	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Satoru WAKUTA et al.			
				FILING DATE July 30, 2003		GROUP Unknown	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
JDW		6,371,878 B1	4/2002	Bowen			
JDW		5,904,631	5/1999	Morisawa et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
JDW		2000-346187 w/Abstract and Translation	12/2000	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				/John Walters/		DATE CONSIDERED 01/02/2007	
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Date: September 25, 2003

Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
116282APPLICATION NO.  
10/629,743

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS  
Satoru WAKUTA et al.FILING DATE  
July 30, 2003GROUP  
3611

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
JDW	1	6,371,878 B1	4/16/2002	Bowen		
JDW	2	5,558,595	9/24/1996	Schmidt et al.		

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
JDW	3	DE 201 17 410 U 1	1/31/2002	Germany		
JDW	4	EP 1 223 067 A2	7/17/2002	EPO		
JDW	5	EP 1 304 248 A1	2/23/2003	EPO		
JDW	6	EP 1 114 744 A2	7/11/2001	EPO		

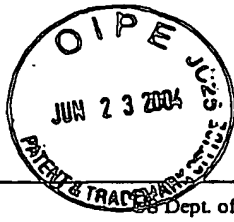
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER /John Walters/

DATE CONSIDERED 01/02/2007

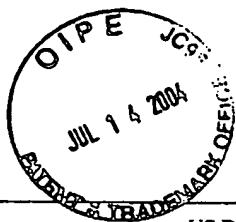
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Date: May 7, 2004

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		U.S. Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116282		APPLICATION NO. 10/629,743	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Satoru WAKUTA et al.			
				FILING DATE July 30, 2003		GROUP 3611	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
JDW		US 2002/0094898 A1	7/18/2002	Hata et al.			
JDW		US 2003/0078134 A1	4/24/2003	Kojima et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
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EXAMINER /John Walters/				DATE CONSIDERED 01/02/2007			
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Date: June 23, 2004

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116282		APPLICATION NO. 10/629,743	
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				FILING DATE July 30, 2003		GROUP 3611	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
JDW	1	6,155,364	12/5/2000	Nagano et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
JDW	2	JP A 09-226392 w/Abstract and Translation	9/2/1997	Japan			
JDW	3	JP A 07-96759 w/Abstract and Translation	4/11/1995	Japan			
JDW	4	JP A 2002-225578 w/Abstract and Translation	8/14/2002	Japan			
	5	JP S50-30223 w/translated main claim	3/26/1975	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
/John Walters/				01/02/2007			
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Date: July 14, 2004

Sheet 1 of 1Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
116282APPLICATION NO.  
10/629,743

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS  
Satoru WAKUTA et al.FILING DATE  
July 30, 2003GROUP  
3611

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
JDW	US 2003/0178953 A1	9/25/2003	Tumback et al.		
JDW	US 6,516,253 B2	2/4/2003	Boggs et al.		
JDW	US 6,558,283 B1	5/6/2003	Schnelle		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
JDW DE 199 03936 A1	5/4/2000	Germany		
JDW WO 02/47931 A1	6/20/2002	WIPO		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER /John Walters/

DATE CONSIDERED 01/02/2007

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Date: January 5, 2005

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116282		APPLICATION NO. 10/629,743	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Satoru WAKUTA et al.			
				FILING DATE July 30, 2003		GROUP 3618	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
JDW	1	US 2003/0078134 A1 (corresponds to reference 2)	04/24/2003	Masakiyo KOJIMA et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
JDW	2	JP 2003-127681 w/English- language Translation & Abstract (corresponds to reference 1)	05/08/2003	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER  /John Walters/				DATE CONSIDERED  01/02/2007			
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Date: December 6, 2005